Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038005	Application No. 10/712,007 To be assigned
1	closure Statement oplicant	Applicant Hugh R. Sharkey et al.	
(Use several sh (37 CFR §1.98(b))	neets if necessary)	Filing Date November 14, 2003	Group Art Unit To be assigned

	-		U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
ind	AA	2,090,923	8/37	Wappler			
	AB	3,178,728	4/65	Christensen			
	AC	3,579,643	5/71	Morgan		1 1	
<u> </u>	AD	3,776,230	12/73	Neefe	1-1		
	AE	3,807,390	4/74	Ostrowski et al.			
	AF	3,856,015	12/74	Iglesias	1		
-1	AG	3,867,728	2/75	Substad et al.	1-1	 	
	AH	3,879,767	4/75	Substad		 	
	AI	3,886,600	6/75	Kahn et al.	1		
	AJ	3,938,198	2/76	Kahn et al.	1	1 1	
	AK	3,945,375	3/76	Banko			
	AL	3,987,499	10/76	Scharbach et al.			
	AM	3,992,725	11/76	Homsy	1 1		
	AN	4,043,342	8/97	Morrison, Jr.	11	 	
	AO	4,074,718	2/78	Morrison, Jr.	1-1		
	AP	4,085,466	4/78	Goodfellow et al.	+-+		
1/	AQ	4,129,470	12/78	Homsy	1 1		
MP	AR	4,134,406	1/79	Iglesias	1-1		
	Foreig	n Patent Doo	uments or P	ublished Foreign	Patent	Application	ns
Examiner	Desig.	Document	Publication	Country or			Translation
Initial	ID AS	Number 0 257 116 A1	3/88	Patent Office EPO	Class	Subclass	Yes No
INA			ļ	·		 	
	AT	0 274 705 A1	7/88	EPO	1-1-		_
	AU	0 479 482 A1	4/92	EPO			
W ₂	. AV	0 521 595 A2	1/93	EPO			
MY	AW	0 542 412 A1	5/93	EPO			
		ocuments (ir	nclude Autho	or, Title, Date, and	Place o	of Publicati	on)
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038005	Application No. (0)712,007 To be assigned
Information Disc by Ap	losure Statement plicant	Applicant Hugh R. Sharkey et al.	
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date November 14, 2003	Group Art Unit To be assigned

			U.S. Pate	ent Documents						
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Cla	l	Sub	clāss		Date
1111	BA	4,224,696	9/80	Murray et al.	Cla	153	Subt	JIBSS	і Аррі	opriate
<u> </u>	 	 			+	+		-		
	BB	4,224,697	9/80	Murray et al.		╀		 		
	BC	4,326,529	4/82	Doss et al.	ļ <u>.</u>	_		<u> </u>		
	BD	4,344,193	8/82	Kenny		L				
	BE	4,362,160	12/82	Hiltebrandt		1	'			
	BF	4,378,220	3/83	Matvias						
	BG	4,381,007	4/83	Doss		Γ				
	ВН	4,397,314	8/83	Vaguine				- 		
	BI	4,405,314	9/83	Cope	\top					
	ВЈ	4,476,862	10/84	Pao	11		-			
	BK	4,483,338	11/84	Bloom et al.	11					
	BL	4,517,965	5/85	Ellison				1		
	BM	4,517,975	5/85	Garito et al.				1		
	BN	4,590,934	5/86	Malis et al.	1 1			1		
	ВО	4,593,691	6/86	Lindstrom et al.				1		
	BP	4,597,379	7/86	Kihn et al.	11	·		7		
V	BQ	4,601,705	7/86	МсСоу	17					
NUP	BR	4,651,734	3/87	Doss et al.	17					
		n Patent Doc		ublished Foreign	Pate	nt A	Applic	ation		
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Cla	1_	Subo	V Noon		lation
(1.10)	BS	0 558 297 A2	9/93	EPO EPO	Cia	35	Sude	1055	Yes	No
M	BT	0 566 450 A1	10/93	EPO		-				
	 	 -						-		
/	BU	0 572 131 A1	12/93	ЕРО						
$-V_{O}$	BV	0 682 910 A1	11/95	EPO						
w	BW	0 479 482 B1	5/96	EPO		Ш	1			
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U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 14170-038005

Application No. 10/712,007
To be assigned

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Hugh R. Sharkey et al.

Filing Date

Applicant

Group Art Unit

(37 CFR §1.98(b))

November 14, 2003 To be assigned

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in ht	CA	4,737,146	4/88	Amaki et al.			
, ,	СВ	4,811,733	3/89	Borsanyi et al.			
	СС	4,815,462	3/89	Clark			
	CD	4,838,859	6/89	Strassmann			
	CE	4,846,175	7/89	Frimberger			
	CF	4,873,976	10/89	Schreiber			
	CG	4,894,063	1/90	Nashef			:
	СН	4,895,148	1/90	Bays et al.			
	CI	4,907,585	3/90	Schachar			
	CJ	4,907,589	3/90	Cosman			
	CK	4,924,865	5/90	Bays et al.			
	CL	4,944,727	7/90	МсСоу			
	СМ	4,950,234	8/90	Fujioka et al.			
	CN	4,955,882	9/90	Hakky			
	СО	4,966,597	10/90	Cosman			
	СР	4,976,709	12/90	Sand			
Vo	CQ	4,976,715	12/90	Bays et al.			
JUL 1	CR	4,998,933	3/91	Eggers et al.			

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or				lation
Initial	l ID	Number	Date	Patent Office	Class	Subclass	Yes	No
in Le	CS	0 729 730 A1	9/96	EPO				
	СТ	0 737 487 A2	10/96	ЕРО				
	CU	0 783 903 A1	7/97	ЕРО				
Vo	CV	1,122,634	9/56	France				
144	CW	2,645,008	3/89	France				

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EXAMINER: Initials citation considered. Draw lin	e through citation if not in conformance and not considered. Include copy of this form with
next communication to applicant.	•
	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038005	Application No. (0.71)007 To be assigned
	closure Statement pplicant	Applicant Hugh R. Sharkey et al.	
(Use several s (37 CFR §1.98(b))	heets if necessary)	Filing Date November 14, 2003	Group Art Unit To be assigned

	U.S. Patent Documents						·	
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Clas	ss	Subclass	Filing Date If Appropriate
M	DA	5,007,908	4/91	Rydell				
1	DB	5,009,656	4/91	Reimels				
	DC	5,085,657	2/92	Ben-Simhon				
	DD	5,085,659	2/92	Rydell				
	DE	5,098,430	3/92	Fleenor				
	DF	5,100,402	3/92	Fan				
	DG	5,103,804	4/92	Abele et al.				
	DH	5,114,402	5/92	МсСоу				
	DI	5,129,889	7/92 ·	Hahn et al.				
	DJ	5,152,748	10/92	Chastagner				
	DK	5,178,620	1/93	Eggers et al.				
	DL	5,186,181	2/93	Franconi et al.				
	DM	5,191,883	3/93	Lennox et al.				
	DN	5,192,267	3/93	Shapira et al.				
	DO	5,201,729	4/93	Hertzmann et al.				
	DP	5,201,730	4/93	Easley et al.				
1/2	DQ	5,201,731	4/93	Hakky				
WOP	DR	5,213,097	5/93	Zeindler	1			

	Foreig	n Patent Do	cuments or P	Published Foreign	Paten	t /	Applica	tior	15	
Examiner	Desig.	Document	Publication	Country or						lation
Initial	ID	Number	Date	Patent Office	Clas	s	Subc	ass	Yes	No
all	DS	35 111 07	10/86	Germany						
	DT	36 321 97	3/88	Germany						
	DU	5-42166	5/93	Japan		\prod				
	DV	637118	12/78	USSR		П				
Y	DW	1,340,451	12/73	UK		П				
M	DX	2,164,473	3/86	UK		П				

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EXAMINER: Initials citation considered. Drawnext communication to applicant.	line through citation if not in conformance and not considered. Include copy of this form with
	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038005	Application No. (0) 712,007 To be assigned
	closure Statement oplicant	Applicant Hugh R. Sharkey et al.	
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			U.S. Pate	ent Documents				
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Cla	aşs	Subclass	Filing Date If Appropriate
NU	EA	5,230,334	7/93	Klopotek		$I \square$	ŀ	
	EB	5,242,439	9/93	Larsen et al.		\prod		
	EC .	5,242,441	9/93	Avirall				
	ED	5,261,906	11/93	Pennino et al.				
	EE	5,267,994	12/93	Gentelia et al.				
	EF	5,275,151	1/94 _	Shockey et al.				
	EG	5,279,559	1/94	Barr				
	EH	5,284,479	2/94	de Jong				
	EI	5,304,169	4/94 .	Sand				
	EJ	5,308,311	5/94	Eggers et al.				
	EK	5,311,858	5/94	Adair				
	EL	5,320,115	6/94	Kenna				
	EM	5,323,778	6/94	Kandarpa et al.				
	EN	5,334,193	8/94	Nardella				
	EO	5,342,357	8/94	Nardella				·
	EP	5,345,945	9/94	Hodgson et al.				
N _O	EQ	5,348,554	9/94	Imran et al.				
W	ER	5,352,868	10/94	Denen et al.		.]		

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Initial	ID ID	Number	Date	Patent Office	C	lass	Subc	ass	Yes	No
M	ES	WO 85/02762	7/85	WIPO						
	ET	WO 92/05828	4/92	WIPO						
	EU	WO 92/10142	6/92	WIPO		T				
	EV	WO 93/01774	2/93	WIPO						
Va	EW	WO 93/16648	9/93	WIPO						
M	EX	WO 93/20984	10/93	WIPO		j				

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Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Application No. 10/712,007 Attorney's Docket No. 14170-038005

Information Disclosure Statement by Applicant (Use several sheets if necessary)

(37 CFR §1.98(b))

Hugh R. Sharkey et al. Filing Date Group Art Unit November 14, 2003 To be assigned

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
M	FA	5,354,331	10/94	Schachar			
	FB	5,364,395	11/94	West, Jr.			
	FC	5,366,443	11/94	Eggers et al.			
	FD	5,366,490	11/94	Edwards et al.			
	FE	5,382,247	1/95	Cimino et al.			
	FF	5,389,100	2/95	Bacich et al.			
	FG	5,397,304	3/95	Truckai			
	FH	5,401,272	3/95	Perkins			
	FI	5,415,633	5/95	Lazarus et al.			
	FJ	5,423,806	6/95	Dale et al.			
	FK	5,433,739	7/95	Sluijter et al.			
	FL	5,437,661	8/95	Rieser			
	FM	5,437,662	8/95	Nardella			
	FN	5,451,223	9/95	Ben-Simhon			
	FO	5,458,596	10/95	Lax et al.			
	FP	5,464,023	11/95	Viera			
V	FQ	5,465,737	11/95	Schachar			
H	FR	5,484,403	1/96	Yoakum et al.			

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	Foreig	n Patent Doo	uments or F	Published Foreign	Patent /	Application	ns	
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
W	FS	WO 95/01814	1/95	WIPO				
T V	FT	WO 95/13113	5/95	WIPO				
	FU	WO 95/18575	7/95	WIPO				
	FV	WO 95/20360	8/95	WIPO				
	FW	WO 95/25471	9/95	WIPO				
IW	FX	WO 95/30373	11/95	WIPO				

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			Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)

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U.S. Department of Commerce Patent and Trademark Office

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Attorney's Docket No. 14170-038005

Application No. 10(712,607)

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Hugh R Shar

Hugh R. Sharkey et al. Filing Date

November 14, 2003

Group Art Unit
To be assigned

Substitute Disclosure Form (PTO-1449)

(37 CFR §1.98(b))

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Examiner	Desig.	Document	Publication	Country or					Translation	
Initia	ID	Number	Date	Patent Office	C	ass	Su	bclass	Yes	No
NUT	GS	WO 95/30377	11/95	WIPO						,
	GT	WO 95/34259	12/95	WIPO						_
	GU	WO 96/11638	4/96	WIPO						
	GV	WO 96/32051	10/96	WIPO						,
	GW	WO 96/32885	10/96	WIPO						
M	GX	WO 96/34559	11/96	WIPO		I^{-}				

Eggers et al.

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next communication to applicant.	• •

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038005	Application No. LD 712,007 To be assigned
	sclosure Statement Applicant	Applicant Hugh R. Sharkey et al.	
(Use several (37 CFR §1.98(b))	sheets if necessary)	Filing Date November 14, 2003	Group Art Unit To be assigned

			U.S. Pate	ent Documents			
Examiner Initial	Desig.	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
M	НА	5,782,795	7/98	Bays			
	НВ	5,810,809	9/98	Rydell			
	нс	5,874,500	2/99	Rhee et al.			
	HD	5,888,220	3/99	Felt et al.			
	HE	5,980,504	11/99	Sharkey et al.	1.		
	HF	6,007,570	12/99	Sharkey et al.			
	HG	6,073,051	6/00	Sharkey et al.			
	НН	6,095,149	8/00	Sharkey et al.			
	HI	6,099,514	8/00	Sharkey et al.			
	HJ	6,122,549	9/00	Sharkey et al.			
	нк	6,126,682	10/00	Sharkey et al.			
	HL	6,176,857	1/2001	Ashley	11.		
	НМ	6,258,086	7/2001	Ashley et al.			
	HN	6,264,650	7/2001	Hovda et al.			
	НО	6,283,961	9/2001	Underwood et al.			
	HP	6,350,262	2/2002	Ashley			
W	HQ	5,486,161	1/23/96	Lax et al.			
	HR	·					

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Examiner	Desig.	Document	Publication	Country or				1	Trans	lation
Initia	ID	Number	Date	Patent Office	1	lass	Su	pclass	Yes	No
M	HS	WO 96/34568	11/96	WIPO		\				
	нт	WO 96/34571	11/96	WIPO						
	HU	WO 96/39914	12/96	WIPO		T				
	HV	WO 97/06855	2/97	WIPO						
W 0	HW	WO 97/07468	2/98	WIPO						
M	нх	WO 98/17190	4/98	WIPO						

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	closure Statement	Applicant Hugh R. Sharkey et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date November 14, 2003	Group Art Unit To be assigned	

	Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Desig. Initial ID		Desig. ID	Document		
IA-		— IA—	Trimedyne, The Less Invasive Laser Advantage, Omni Spinal Introduction System.		
IB IB		IB	PRNewswire (Dec. 12, 1994), Two Physicians Perform First Outpatient Cervical Disc Procedure Using Laser Technology.		
	<u> </u>	IC	Introduction to the LDD Disc Kit, Oct. 16, 1996.		
		ID	Mayer et al., Lasers in Percutaneous Disc Surgery: Beneficial Technology or Gimmick?, vol. 25 No. 251 (1993) pp. 38-44.		
		IE	Schatz et al., Preliminary Experience With Percutaneous Laser Disc Decompression in the Treatment of Sciatica, vol. 38 No. 5,Oct. 1995, pp. 432-436.		
		IF	Savitz M. A., Same-day Microsurgical Arthroscopic lateral-approach Laser-assisted (SMALL) Fluoroscopic Discectomy, vol. 80, Jun. 1994 pp. 1039-1045.		
		IG	Bosacco et al., Functional Results of Percutaneous Laser Disectomy, Dec. 1996, pp. 825-828.		
. V		IH	Sluijter M.E., The Use of Radiofrequency lesions For Pain Relief in Failed Back Patients, vol. 10 No. 1 (1988).		
M		II	Cosman et al., Theoretical Aspects of Radiofrequency lesions in the Dorsal Root Entry Zone, vol. 15 No. 6 (1984) pp. 945-950.		
	$\stackrel{\bullet}{\rightarrow}$	- IJ	Wilkins et al., Neurosurgery: Method of Making Nervous System Lesions, ch. 337, pp. 2490-2499		
Ny	IK IK		Yonezawa et al., The System and Procedure of percutaneous Intradiscal Laser Nucleotomy, vol. 15 No. 5 (1990) pp. 1175-1185.		
		IL	Gottlob et al., Lasers in Surgery and Medicine: Holmium:YAG Laser Ablation of Human Intervertebral Disc: Preliminary Evaluation, vol. 12, (1991) pp. 86-91.		
	·	IM	Buchelt et al., Laser in Surgery and Medicine: Fluorescence Guided Excimer Laser Ablation of Intervertebral Discs In Vitro, vol. 11, (1991) pp. 280-286.		
		IN	Choy et al., Percutaneous Laser Disc Decompression: A New Therapeutic Modality, vol.17 No. 8, (1992) pp. 949-956.		
		Ю	Sluijter et al., Persistant Pain, Modern Methods of Treatment: Treatment of Chronic Back and neck Pain, vol. 3, (1981) pp. 141-179.		
		IP	Sluijter, Int Disabil Studies: The use of Radio Frequency Lesions For Pain Relief in Failed Back, vol. 10, Sep. 4, 1996, pp. 141-179.		
		IQ	Shatz et al., CJS JCC Preliminary Experience With Percutaneous Laser Disc Decompression in the Treatment of Sciatica, vol. 38 No. 5, Oct. 1995 pp. 432-436.		
		IR	Sluyter, Radiofrequency Lesions in the Treatment of Cervical Pain Syndromes, Radionics, Inc. (1989).		
		IS	Kelly L.E., Purification and Properties of a 23kDa Ca2+-binding Protein, (1990) 271, pp. 661-666.		
		IT	Gehring W. J., Exploring the Homeobox, (1993), pp. 215-221.		
		IU	Buchelt et al., Lasers in Surgery and Medicine: Erb: YAG and Hol: YAG Laser Ablation of Meniscus and Intervertebral Discs, vol. 12 No. 4, (1992) pp. 375-381.		
V		IV	Leu et al., Der Orthopade: Endoskopie der Wirbelsaule: Minimal-invasive Therapie, vol. 21, (1992) pp. 267-272.		
NU	2	IW	Phillips et al., JMRI: MR Imaging of Ho: YAG Laser Diskectomy with Histologic Correlation, vol. 3 No. 3, May/Jun. 1993.		

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office					
	closure Statement	Applicant Hugh R. Sharkey et al.				
(Use several sheets if necessary)		Filing Date	Group Art Unit			
(37 CFR §1.98(b))		November 14, 2003	To be assigned			

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(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date November 14, 2003	Group Art Unit To be assigned			

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Date Considered

Substitute Disclosure Form (PTO-1449)

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Substitute Form PTO-1449 (Modified)

(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 14170-038005

Application No. 10/712,007

Information Disclosure Statement Applicant

by Applicant (Use several sheets if necessary)

Hugh R. Sharkey et al.

Filing Date

November 14, 2003

Group Art Unit

To be assigned

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Cla	sjs	Subclass	Filing Date If Appropriate
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U.S. Department of Commerce Substitute Form PTO-1449 Application No. Attorney's Docket No. (Modified) Patent and Trademark Office 14170-038005 10/712,007 Applicant **Information Disclosure Statement** by Applicant Hugh R. Sharkey et al. (Use several sheets if necessary) Filing Date **Group Art Unit** To be assigned November 14, 2003 (37 CFR §1.98(b)) Shaw 10/30/73 BA 3,768,482 BB3,769,984 11/06/73 Muench BC 04/02/74 3,801,766 Morrison BD 06/11/74 O'Malley et al. 3,815,604 BE 3,828,780 08/13/74 Morrison BF 3,870,047 03/11/75 Gonser BG 3,901,242 08/26/75 Storz 09/02/75 BH 3,902,494 Haberlen et al. BI 3,920,021 11/18/75 Hiltebrandt 3,920,022 11/18/75 **Pastor** BJ BK 3,938,527 02/17/76 Rioux et al. 07/20/76 Morrison BL 3,970,088 BM3,987,795 10/26/76 Morrison BN 4,011,872 03/15/77 Komiya BO 4,016,881 04/12/77 Roiux et al. 07/12/77 BP 4,034,762 Corsens et al. 4,040,426 08/09/77 Morrison BQ BR 4,060,086 11/29/77 Storz 11/29/77 BS 4,060,087 Hiltebrandt et al. 11/29/77 BT 4,060,088 Morrison BU 4,116,198 09/26/78 Roos BV02/20/79 Storm III 4,140,130 10/09/79 BW 4,170,234 Graham 01/01/80 BX 4,181,131 Ogiu BY 4,184,492 01/22/80 Meinke et al.

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Information Disclosure Statement by Applicant
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(37 CFR §1.98(b))

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Attorney's Docket No. 10/712,007

Applicant
Hugh R. Sharkey et al.

Filing Date Group Art Unit
November 14, 2003

To be assigned

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	CD	4,427,006	01/24/84	Nottke					
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Substitute Form PTO-1449 (Modified)

(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office

Application No. Attorney's Docket No. 14170-038005 10/712,007

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant

Hugh R. Sharkey et al.

Filing Date November 14, 2003 **Group Art Unit** To be assigned

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Information Disclosure Statement by Applicant
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(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10/712,007

Applicant Hugh R. Sharkey et al.

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Filing Date November 14, 2003

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Application No. Substitute Form PTO-1449 U.S. Department of Commerce Attorney's Docket No. Patent and Trademark Office (Modified) 14170-038005 10/712,007 Applicant **Information Disclosure Statement** Hugh R. Sharkey et al. by Applicant (Use several sheets if necessary) Filing Date **Group Art Unit** November 14, 2003 To be assigned (37 CFR §1.98(b)) 08/01/95 FA 5,437,664 Cohen et al. FB 5,441,499 08/15/95 Fritzsch 10/03/95 FC 5,454,809 Janssen 10/10/95 Edwards et al. FD 5,456,682 FE 5,458,597 10/17/95 Edwards et al. FF 5,470,309 11/28/95 Edwards et al. 12/05/95 Bonati et al. FG 5,472,426 Edwards et al. 12/05/95 FH 5,472,441 01/30/96 Avitall FI 5,487,385 FJ 05/28/96 Imran et al. 5,520,645 06/04/96 Durgin FK 5,522,815 07/30/96 Strul et al. FL 5,540,681 Fritzsch **FM** 5,542,945 08/06/96 08/13/96 Imran FN 5,545,161 Fleischman et al. FO 5,545,193 08/13/96 FP 5,569,244 10/29/96 Hahnen 10/29/96 Guglielmi et al. FO 5,569,245 5,571,147 11/05/96 Sluijter et al. FR FS 5,573,533 11/12/96 Strul 12/10/96 Swanson et al. FT 5,582,609 Ladd et al. FU 5,584,830 12/17/96 02/11/97 Middleman et al. FV 5,601,572 Johnson FW 5,603,709 02/18/97

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Substitute Form PTO-1449 (Modified)

(37 CFR §1.98(b))

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Attorney's Docket No. 14170-038005

Application No. 10/712,007

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Group Art Unit To be assigned

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(37 CFR §1.98(b))

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		HU	5,916,166	06/29/99	Reiss				
		HV	5,921,924	07/13/99	Avitall				
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Hugh R. Sharkey et al.

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(37 CFR §1.98(b))

November 14, 2003 To be assigned

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	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 U.S. Department of Commerce Attorney's Docket No. Application No. (Modified) Patent and Trademark Office 14170-038005 10/712,007 Applicant Information Disclosure Statement Hugh R. Sharkey et al. by Applicant (Use several sheets if necessary) Filing Date **Group Art Unit** November 14, 2003 To be assigned (37 CFR §1.98(b)) 01/02/01 JA 6,168,593 Sharkey et al. 01/09/01 лв 6,171,306 Swanson et al. JC 01/30/01 6,179,836 Eggers et al. 03/20/01 JD 6,203,525 Whayne et al. JE 04/17/01 Koblish et al. 6,217,528 JF 6,224,592 05/01/01 Eggers et al. JG 06/05/01 Swanson et al. 6,241,754 JН 06/12/01 Panescu et al. 6,245,061 Л 6,245,069 06/12/01 Gminder 07/17/01 Sharkey et al. IJ 6,261,311 JК 6,264,651 07/24/01 Underwood et al. 08/07/01 Santoianni et al. JL 6,270,476 08/14/01 JМ 6,273,886 Edwards et al. 08/21/01 Underwood et al. JN 6,277,112 JO 6,283,960 09/04/01 Ashley Underwood et al. ЛР 6,283,961 09/04/01 6,287,306 09/11/01 Kroll et al. JQ 09/18/01 JR 6,290,715 Sharkey et al. 09/20/01 JS 2001/0023348 Ashley et al. JT 2001/0029370 10/11/01 Hodva et al. JU 6,304,785 10/16/01 McCreery et al. JV 2001/0031963 10/18/01 Sharkey et al. JW 6,308,091 10/23/01 Avitall JX 12/25/01 6,332,880 Yang et al. JΥ 2002/0019626 02/14/02 Sharkey et al.

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	KV	38 38 840	05/23/90	DE			Abstract Yes	
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Substitute Form PTO-1449 (Modified)	U.S. Department of Cornmerce Patent and Trademark Office	Attorney's Docket No. 14170-038005	Application No. 10/712,007
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	closure Statement oplicant	Applicant Hugh R. Sharkey et al.	
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	U.S. Patent Documents						
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